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- (54) Title: NEISSERIA GONORRHOBAE DETECTION

Perforated polypropylene

NR-ppp-1:	CGGTTTCGTCGGTACGA	<u>cggttttcgtcggttacga</u>
NR-ppp-2:	CAGGTTTCTGCTGATTACTTCCA	<u>tcaggtttctgctgattacttcca (AS)</u>
NR-ppp-pl:	CATTCAATTCTTTCGAGTAAACACCC	<u>catttcaattcttctcgagttaaacacc</u>
NR-ppp-4:	AGTGGCGCTATACGCTTACTCTTAC	<u>agtggcgctatacgcttactctttac</u>

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- (57) **Abstract:** A method for determining whether a human individual is or has been infected with *Neisseria gonorrhoeae*, is provided. The method detects a *Neisseria gonorrhoeae*, porA nucleic acid fragment obtained from a biological sample. The method includes subjecting the biological sample to nucleic acid sequence amplification using primers having respective nucleotide sequences according to SEQ ID NO:1 and SEQ ID NO:2, to thereby produce a porA *Neisseria gonorrhoeae*, amplification product. The amplification product is detected by fluorescence resonance energy transfer using oligonucleotides having respective nucleotide sequences according to SEQ ID NO:3 which has a donor fluorophore and SEQ ID NO:4, which has an acceptor fluorophore.

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